600498

ENERGY RESOURCES, INC.

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Lawrence, Kansas 66044
1202 Iowa
913-841-8886

RELEASED

CONFIDENTIAL
to 1-9-82

FILING NO.

COMPANY: CARMEL ENERGY INC.
WELL: KE-79
FIELD: KENNEDY LEASE
COUNTY: VERNON - MISSOURI

LOCATION: 679.0 FWL
713.0 FSL

SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 811.2
LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

ELEV.: K.B. N.A.
D.F. N.A.
G.L. 811.2

DATE	1-2-81	1-2-81	
RUN NO.	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER			
DEPTH—LOGGER	154.7	154.7	
BOTTOM LOGGED INTERVAL	149.2	153.7	
TOP LOGGED INTERVAL	0.0	4.5	
TYPE FLUID IN HOLE	WIL	OIL	
SALINITY, PPM CL.			
DENSITY			
LEVEL	FULL	FULL	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	MORGAN	MORGAN	
WITNESSED BY			

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				OPEN HOLE			T.D.

RECEIVED
JAN 08 1981
NO. OIL & GAS COUNCIL

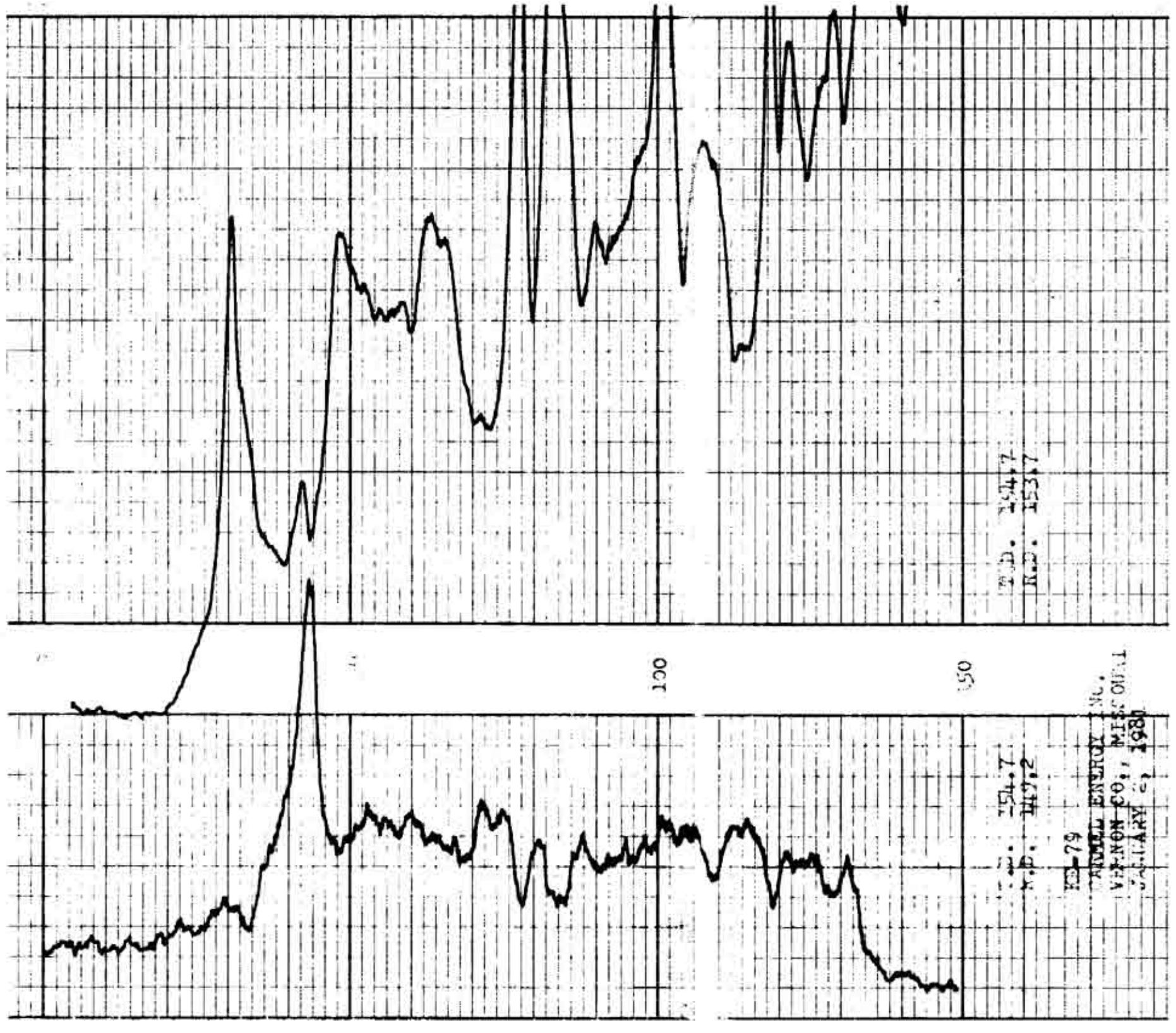
EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705	NEU/NEU
DIAMETER	1 11/16"	705
DETECTOR MODEL NO.	705-GE	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	1 3/8" x 18"	HE
DISTANCE TO N. SOURCE	4.5	1" x 6"
SOURCE MODEL NO.		71-1
SERIAL NO.		71-1-135 G
SPACING	0020	13"
TYPE	0020	AMBE-241
STRENGTH	0002	3 CI

LOGGING DATA

RUN NO.	GENERAL DEPTHS FROM	TO	SPEED FT/MIN.	GAMMA RAY T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	NEUTRON T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	T.D.	20	4.0	100/075	0 R	10	4.0	500/100	5 L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

GAMMA RAY DEPTH NEUTRON CASING COLLARS